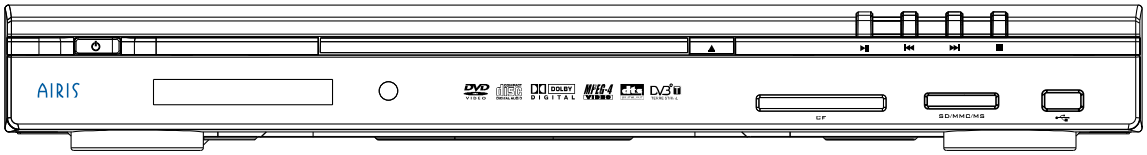
LW 108T

DVD

INSTRUCTION MANUAL



ENGLISH

CONTENTS

DVD

FEATURES.....A1-A2

OPERATION INTERFACE.....B1-B6

BASIC PLAYBACK.....C1-C5

REMOTE KEY FUNCTION EXPLAIN.....D1-D7

SYSTEM SETUP.....E1-E6

TROUBLE SHOOTING.....F1

SPECIFICATIONS.....G1

ADDITIONAL INFORMATION.....H1

DVB-T

REMOTE CONTROL.....I1

BASIC OPERATION.....J1

SYSTEM SETUP.....K1-K6

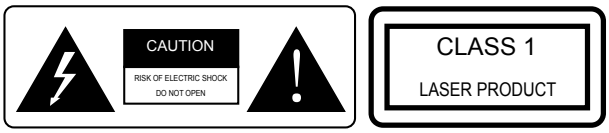
REMOTE KEY FUNCTION EXPLAIN.....L1-L3

TROUBLESHOOTIN.....M1

FEATURES

WARNING:

To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.
The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquid, such as vases, shall be placed on the apparatus.



	The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.
	The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

CAUTION:

To reduce the risk of fire and electrical shock, do not remove the cover of this unit. Please refer all servicing difficulties to qualified technicians .
Use of controls or adjustments or performance of procedures other than those specified may result in hazardous radiation exposure.

Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

CLASSI:

LASER PRODUCT - This marking indicates the presence of laser beams used in this unit, and CLASS I refers to laser beams of the weaker class. There is no danger of hazardous radiation outside this unit.

Double insulation
This is class II apparatus

Please disconnect the unit under these conditions:

Do not overload wall outlets, extension cords or convenience receptacles beyond their capacity, since this can result in fire or electric shock.
Do not use suitable outlet, it might be dangerous.
Check the connection regularly. If any rupture or failure in insulation, call for a maintenance man to replace them.

To ensure reliable operation, and to protect it from overheating, the unit must be put in somewhere well ventilated.
Do not use power-line operated sets near water *for example, near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, etc.

Do not place the unit on an unstable object. The set may fall, causing serious injury to a child or an adult, and serious damage to the unit.
Never let any liquid spattered on the unit. It might cause electric shock or fire hazard.

Never place the unit near or over such objects: for example, radiator, heat register, stove or other heat sources. (including amplifier)

Unplug the unit from the wall outlet before cleaning or polishing it. Do not use liquid cleaners or aerosol cleaners. Use a cloth lightly dampened with water for cleaning the exterior of the unit.
Never place heavy object on the unit.

Important Safety Instructions:

● Read these instructions.
● Keep these instructions.
● Heed all warning.
● Follow all instructions.
● Do not use this apparatus near water.
● Clean only with dry cloth.
● Do not block any ventilation openings, Install in accordance with the manufacturer's instructions.
● Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
● Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other, A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
● Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
● Only use attachments/accessories specified by the manufacturer.
● Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

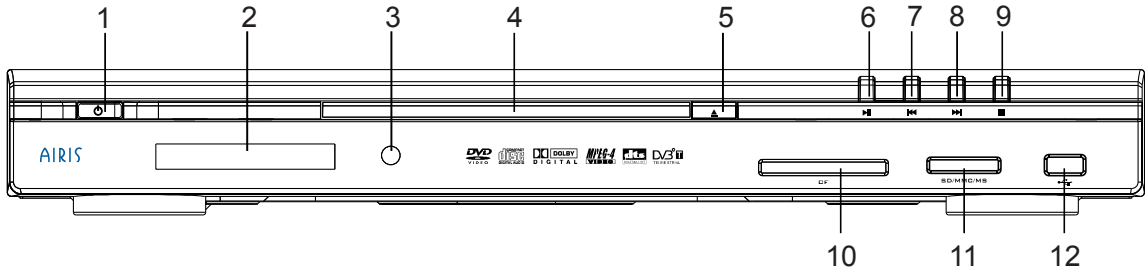
● Unplug this apparatus during lightning storms or when unused for long periods of time.
● Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
● Read through this instruction manual before installation and use.
● To disconnect the power cord, hold the plug instead of pulling on the cord.
● Switch off the main power when the unit is not in use. (Disconnect the power plug from the power outlet when you do not intend to use the unit for a prolonged period of time.) Before moving the unit, remove the disc from the unit`s tray first.
● Do not open the cover or touch any of the components inside the unit.
● Do not operate or install the unit under direct sunlight or near objects that radiate heat. This may lead to overheating of the unit.
● Do not operate or install the unit in moist or humid conditions. This may affect the pick-up of the unit.
● Install the unit on a flat surface with good air circulation. Please ensure the ventilation holes are not covered otherwise the unit will overheat and malfunction.
● Wipe the panel and case with soft dry cloth only. Do not apply any kind of thinner, alcohol or sprays when cleaning the unit.

Our products will be updated at times. Any difference between unit and manual in that occasion will not be noticed.

DVD VIDEO is a trademark of DVD Format/Logo Licensing Corporation.

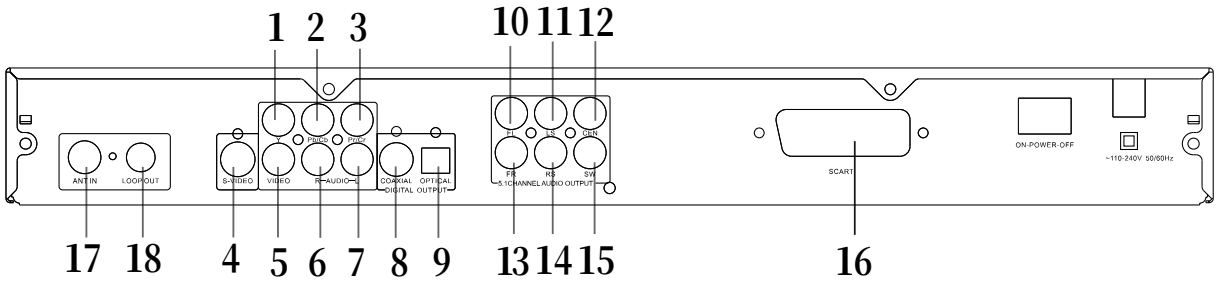
OPERATION INTERFACE

FRONT PANEL:



1. Power on/off
2. LED display unit
3. Receiver window
4. Disc tray
5. Open/close
6. Play/Pause
7. Skip backward
8. Skip forward
9. Stop
10. CF CARD
11. SD/MMC/MS CARD
12. USB

REAR PANEL:

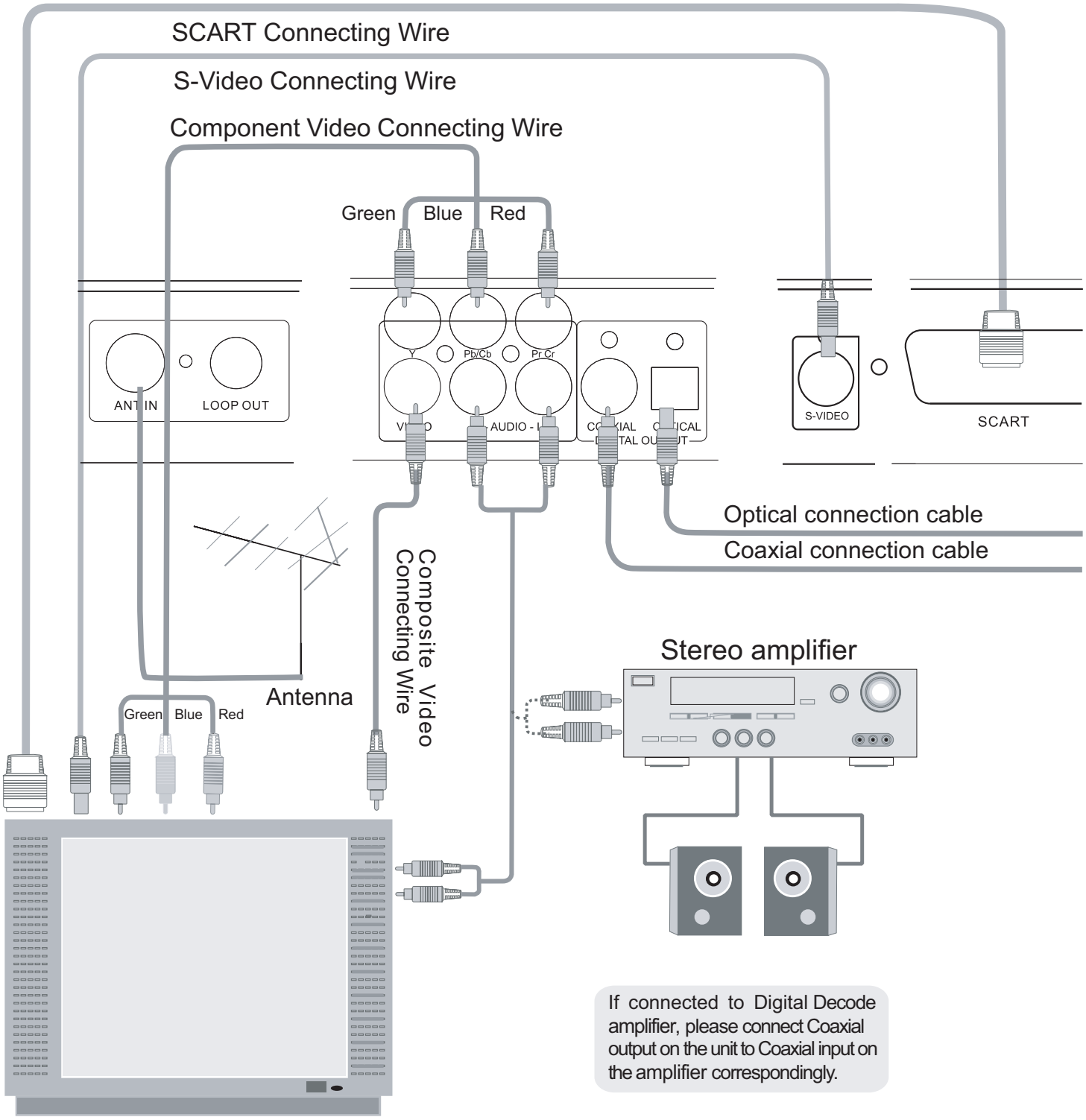


1. Component Video (Y) Output
2. Component Video (Pbcb) output
3. Component Video (Prcr) output
4. S-video Output
5. Composite Video Output
6. Right Audio Output
7. Left Audio Output
8. Digital Coaxial Output
9. Digital Optical Audio Output
10. Left Front Channel Output
11. Left Surround Channel Output
12. Center Channel Output
13. Right Front Channel Output
14. Right Surround Channel Output
15. Subwoofer Output
16. SCART
17. ANT IN
18. LOOP OUT

Operation Interface

Illustration of system connection is only for reference.

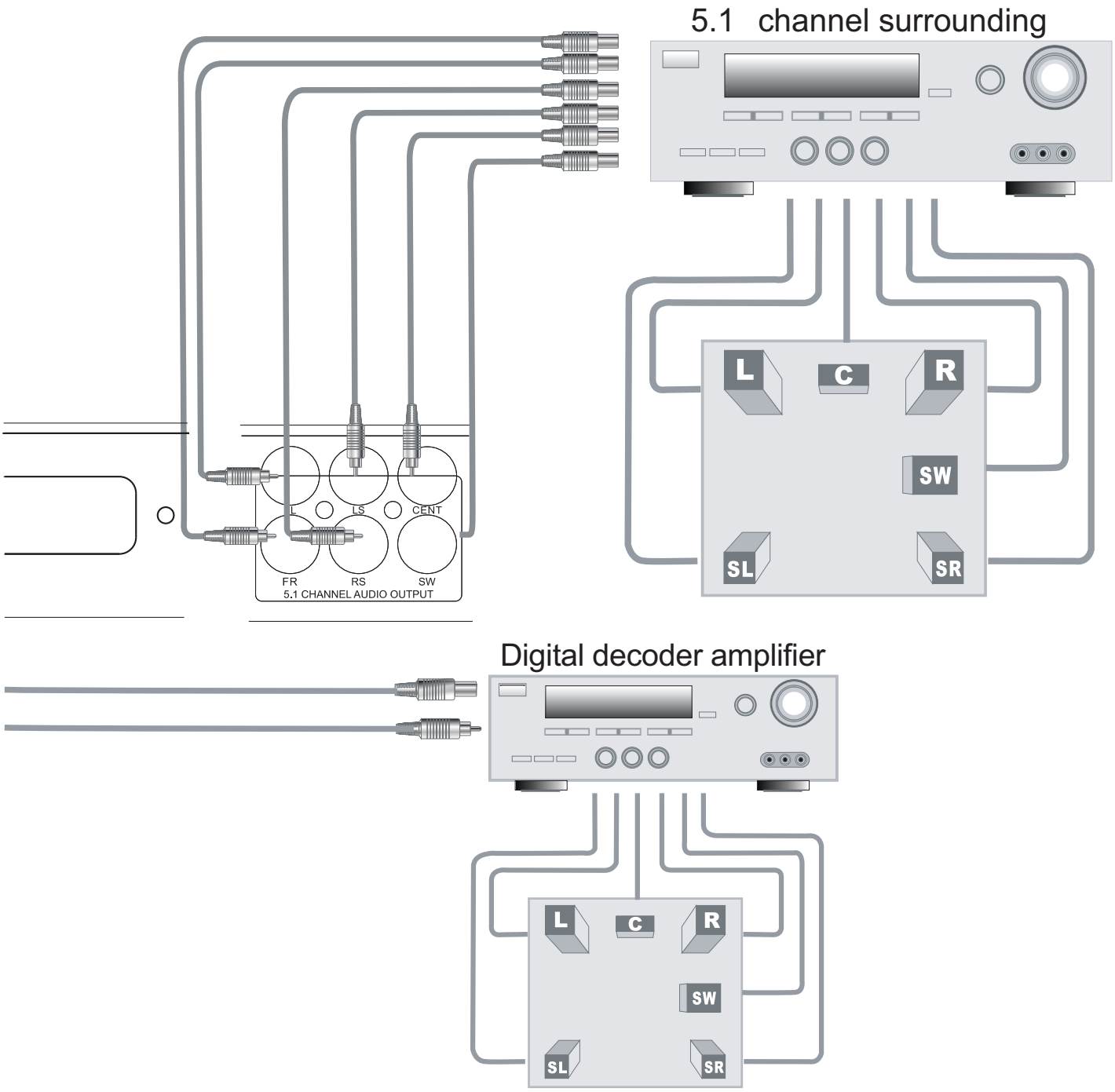
NOTICE:Before connecting the cables, please turn off the unit power



If connected to Digital Decode amplifier, please connect Coaxial output on the unit to Coaxial input on the amplifier correspondingly.

If connected to 5.1 Channels amplifier, please connect the 5.1Channels Audio output on the unit to the 5.1 Channels input on the amplifier separately.

If connected to TV or Stereo amplifier , please connect the left & right channel audio output on the unit to left & right audio input on the TV or stereo amplifier correspondingly and separately.



You can choose one of the following for the video output connection:

*Composite Video output: Connect Composite Video output (yellow) to Composite Video input on the TV/monitor with a AV connecting wire (yellow jack).

*S-Video output: Connect S-Video output on the unit to S-Video output on the TV/monitor with a S-Video connecting wire.

*Component Video output: Connect Component Video output (Cb, Cr, Y) on the unit to Component Video input on the TV/Monitor with component connecting wires.

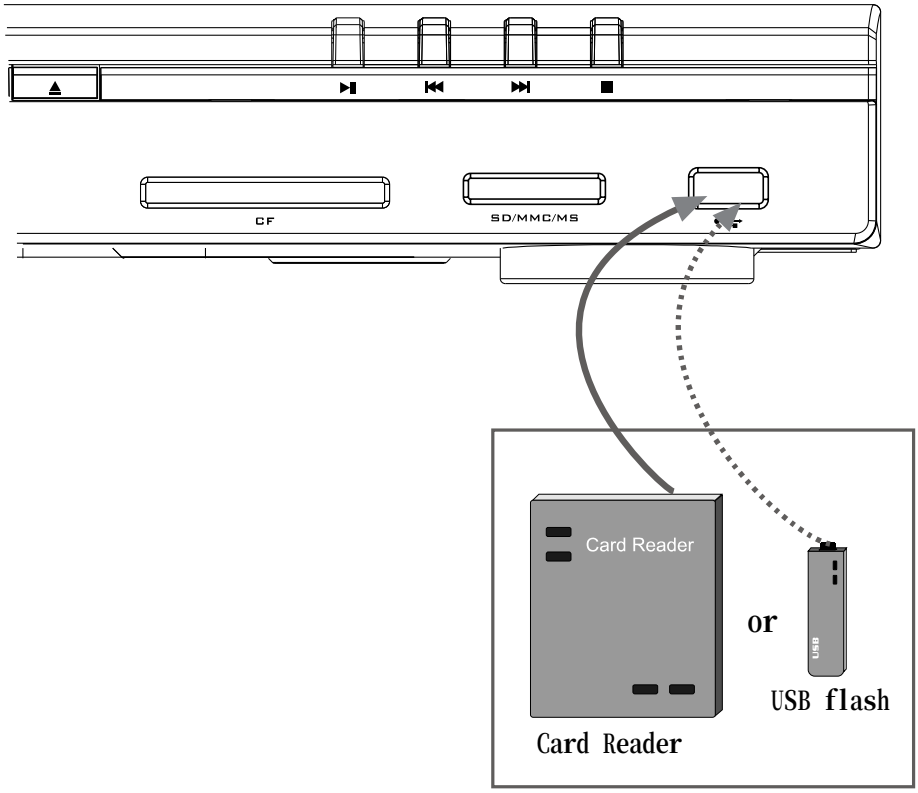
*Progressive Scan Component Video output: Connect Component Video output (Pb, Pr, Y) on the unit to Component Video input on the TV/Monitor with component connecting wires.

*High definition component output: connect the Y/Pb/Pr output terminals of DVD to the corresponding input terminals of High definition TV with the AV cable.

*SCART output: connect the special scart cable to scart output of the unit and scart input of TV/monitor.

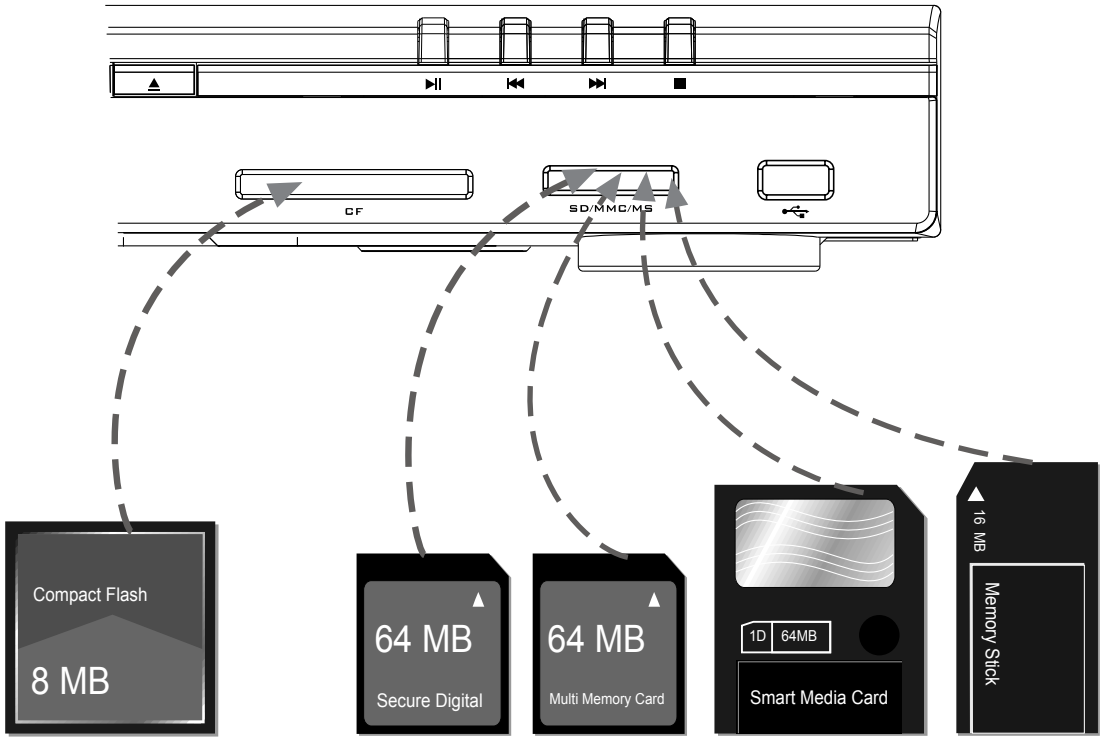
Note:only AV cable included.

OPERATION INTERFACE



USB means Universal Serial Bus..
On The Go, the supplementary agreement of USB, is to actualize USB on the non-personal computer.
Our DVD PLAYER actualize the USB jack under this agreement, the speed is 1.5Mbps.
Our DVD PLAYER can support majority of the USB FLASH and card reader in the market through the USB jack, it can playback all kinds of multi-media files, such as MP3, JPEG, MPEG1, MPEG2, Divx.
On STOP or NO DISC,state insert USB FLASH or card reader, press USB on the remote control, the DVD player will read the file list as below. If the file is too big, normally it will cost sometime long. After reading the file list, you can select your desired file by direction key, press ENTER to playback the multi-media file.
Press USB on USB STOP condition, it will switch to disc playback.

OPERATION INTERFACE

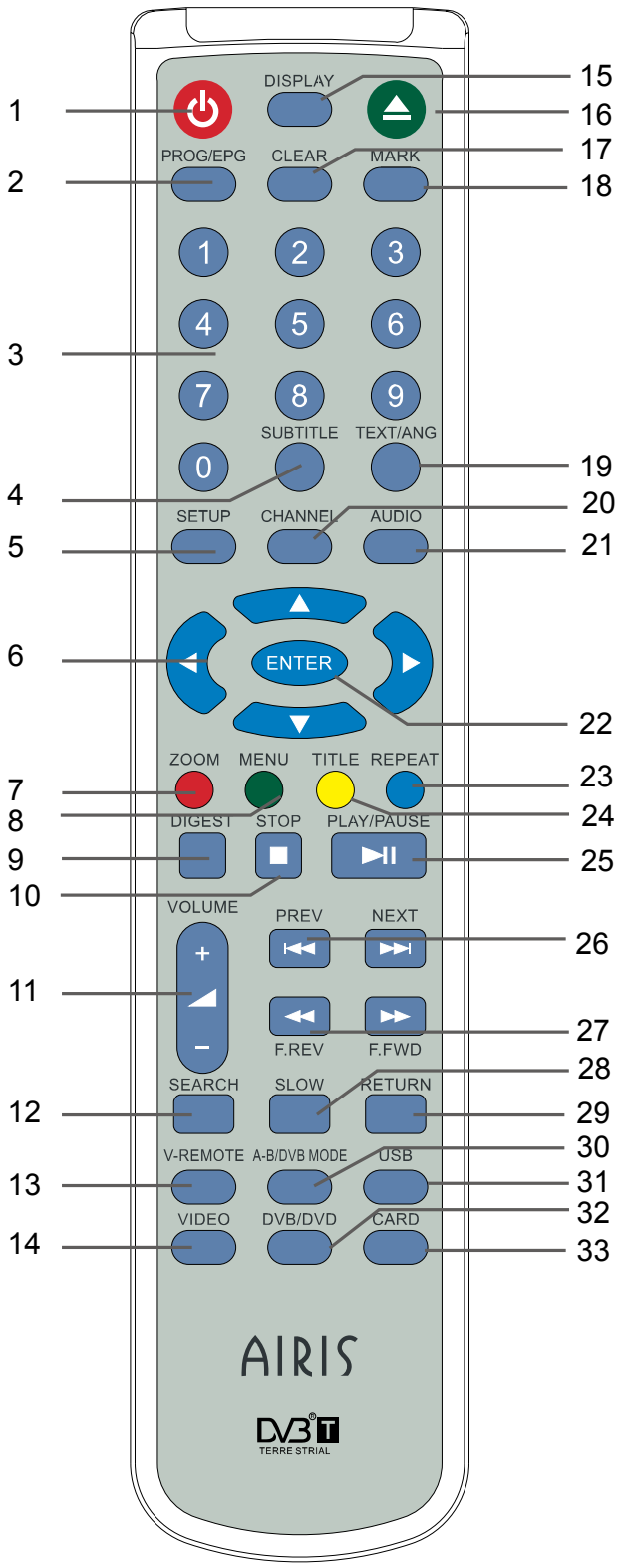


It can support 5 types memory cards: CF, SD, MS, SM, MMC.
Input1 support CF,
input 2 support SD, MS, SM, MMC
input 2 can only insert one type card at one time.

You can store the following files into the cards, like: MP3, JPEG, MPEG1, MPEG2, DIVX, XVID, OGG, OGM etc.
When the dvd player in state of STOP or NO DISC, insert the memory card, then press the CARD key of remote control, the dvd player will read the card. If the files are more, it is normal that the reading time will be more. After reading out the flies list, you can press UP and DOWN keys to choose your desired file, and press PLAY key to play the file. When the card is in STOP state, press CARD key to switch to playing disc state, and press USB key to switch to playing U disc state.

OPERATION INTERFACE

REMOTE CONTROL:



1. STANDBY: power on or off.
2. PROG/EPG: arrange program.
3. Choose number key.
4. SUBTITLE: select subtitle of disc supply or cancel subtitle.
5. SETUP: menu setup.
6. DIRECTION KEY: remove cursor direction.
7. ZOOM: zoom in or out the current picture.
8. MENU:press it to the disc menu playback.
9. DIGEST: introduce the digest of the disc.
10. STOP: stop play.
11. VOLUME: "-" debase current volume"+"rise current volume.
12. SEARCH: select playback-place directly.
13. V-REMOTE: control the video.
14. VIDEO: select video output mode.
15. DISPLAY: time indication, title indication, chapter indication.
16. OPEN/CLOSE: open or close disc tray.
17. CLEAR: clear function.
18. MARK: memory play.
19. TEXT/ANG:select different angle what you want.
20. CHANNEL: switch among 2 CH, 5.1 CH and other channel output models.
21. AUDIO: choose output channel for VCD, choose different output language for DVD.
22. ENTER: confirm the selection.
23. REPEAT: repeat play the current chapter.
24. TITLE: enter to title playback.
25. PLAY/PAUSE: select pause or play the disc.
26. PREV/NEXT: skip backward/skip forward.
27. F.REV/F.FWD: fast backward/fast forward
28. SLOW: slow the formal play motion.
29. RETURN: return to disc menu playback.
30. A-B/DVB MODE:select A-B repeat mode when play disc.
31. USB:switch USB and play disc.
32. DVB/DVD:switch DVB/DVD mode.
33. CARD: Switch CARD and play disc.

Remote function are subject to change without notice.

Playback Divx Disc

DIVX/OGM file:

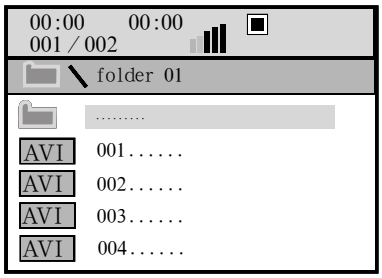
A new audio compression format (MPEG-4). It can transform very low bit rate to high quality picture. In other words, the content of a DVD disc (4.78GB) can be compressed into a normal sized CD-R disc (700MB), and the picture quality are the same, saving must space of the disc.

This DVD player support DIVX multi subtitle files: SRT, SMI, ASS, SSA, SUB.

How to playback DIVX/OGM file

1.Burn the DIVX/OGM file into CD-R/ RW, DVD+R/RW, DVD-R/RW discs.

2.Put the burned disc into the DVD player tray, then the DVD player will read the disc menu, as the following picture:



3.Move the cursor to the DIVX file and press " ENTER" key to playback.

Choose Subtitle

If the DIVX file includes one or multi subtitles, press "SUBTITLE" key during playback, to choose different subtitles showing on the screen or hidden from the screen.

Choose Language

If the DIVX file includes multi languages, press "LANGUAGE" key during playback, to choose different language output.

Search Playback

If there are many DIVX/OGM files in the disc, press " SEARCH" key during playback, to choose certain file or any time of the file to playback.

BASIC PLAYBACK

Play CD disc

1. Place the CD disc in.

2.Show the contents of the disc play auto matically.

3.Choose the number key to play directly.

For example: when you want the No.8 track, you can just press the number key "8".
when you want the No.12 track, you can press the number key "1", "2".

Play VCD or SVCD disc

1.Place the disc in.

2.After reading the disc, the PBC menu will display on the TV screen.

3.Choose the chapter you want by number keys directly.

NOTICE: PBC indicates the disc hold the PBC signal which is a kind of playing signal recorded on the VCD/SVCD disc. In the course of playing, recorded information will show as the menu on the TV screen, which will be convenient to choose the contents. But this function need disc support.

Play DVD disc

1.Place DVD in.

2.Read the DVD and play disc automatically.

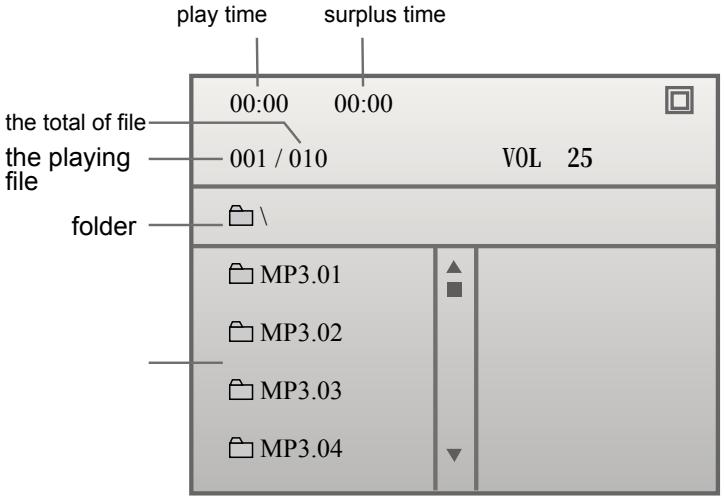
3.Choose the desired contents you want by moving cursor.

DVD disc region instruction

Region 1: USA, Canada
Region 2: Japan, Europe, Egypt, South Africa, and Middle East
Region 3: Taiwan, Hong Kong, South Korea, and Southeast Asia
Region 4: Australia, New Zealand, Latin America, and South Pacific Islands
Region 5: Russia, Mongolia, India, Middle Asia, Eastern Europe, North Korea, North Africa, Northwest Africa
Region 6: China mainland

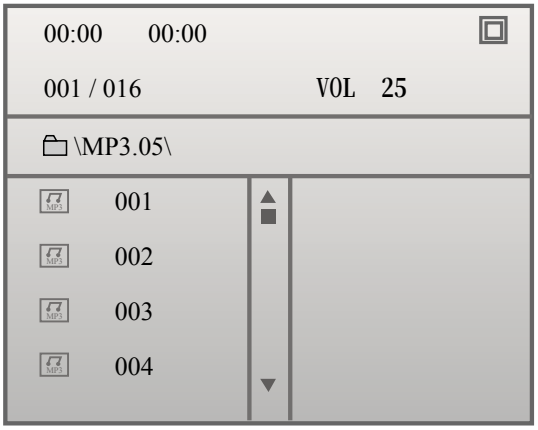
PLAY MP3/OGG/JPEG DISC

When load a MP3 disc, the unit read it and show on TV screen as follow:



After the unit reads the contents of the MP3/OGG/JPEG disc, the TV screen will show as follows (picture 1):

Use direction key or number key ▼ to select your desired folder. For example, choosing the fifth folder (picture 2). There are many MP3/OGG/JPEG tracks in each folder. The unit will list every MP3/OGG/JPEG tracks name when you open the folder, then you can use direction key ▼ or number key to select desired tracks.

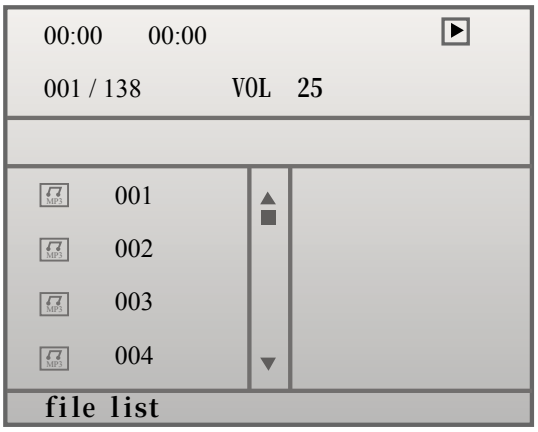


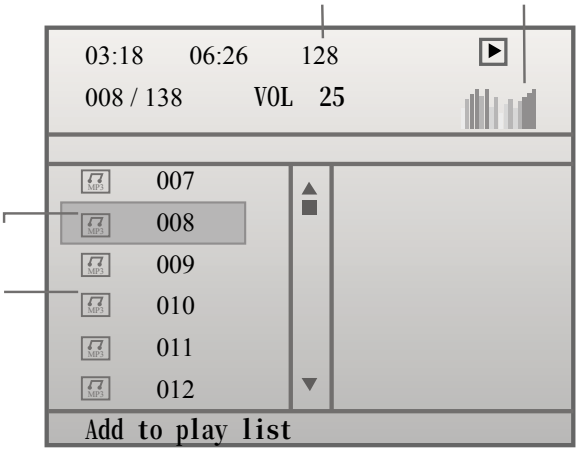
Playing Skill

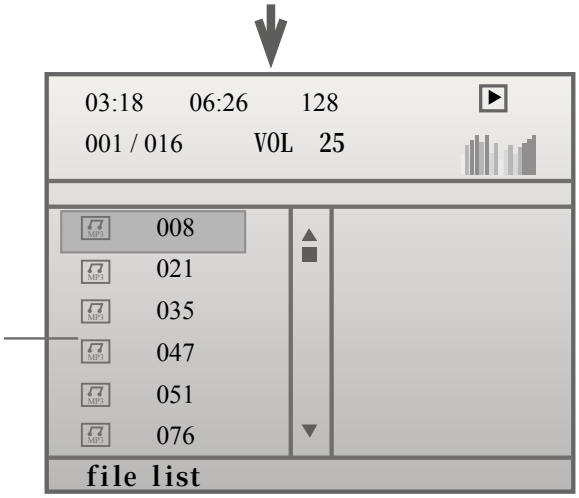
1)List all tracks from all folders of a MP3/OGG/JPEG disc.

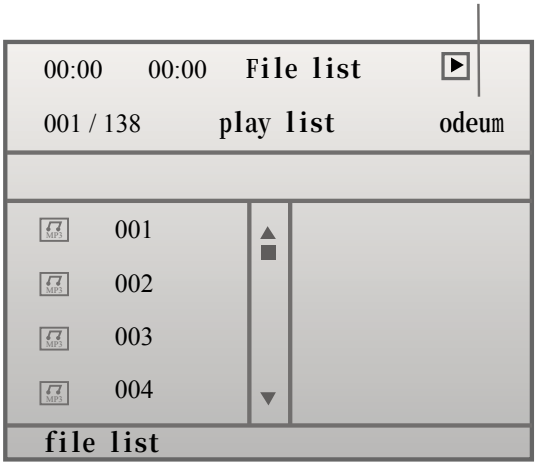
When the unit reads the contents, press PROG key, the TV screen will show as follows:

All tracks of the MP3/OGG/JPEG disc will be listed on the menu orderly. You can use direction key or number key ▼ to select desired tracks and press ENTER key to confirm.









2) Program Play

You can use direction key ▼ ▲ to move yellow curse to your desired tracks, press MARK key to select them. (picture 4).

After selection press PROM key to enter playing list (picture 5), then press direction key ▼ or number key to confirm your desired track.

How to delete programmed playing list: press direction key ▼ ▲ to move yellow cursor to the track you want to delete, then press CLEAR key to delete it.

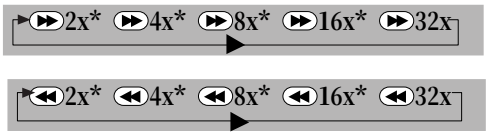
3) Skip

Skip key only be used to change page instead of play next/previous tracks during MP3/OGG/JPEG playing.

4) Fast backward/Fast forward

During MP3/OGG/JPEG playing, press Fast forward key to play forward speedily. The class as follow

Press Fast backward key to play back ward speedily. The class as follow:

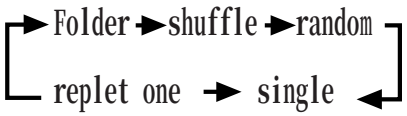


5) Searching

Press SEARCH key the first time to search track, press the second time to search any time of the track.

6) Multi Playing mode

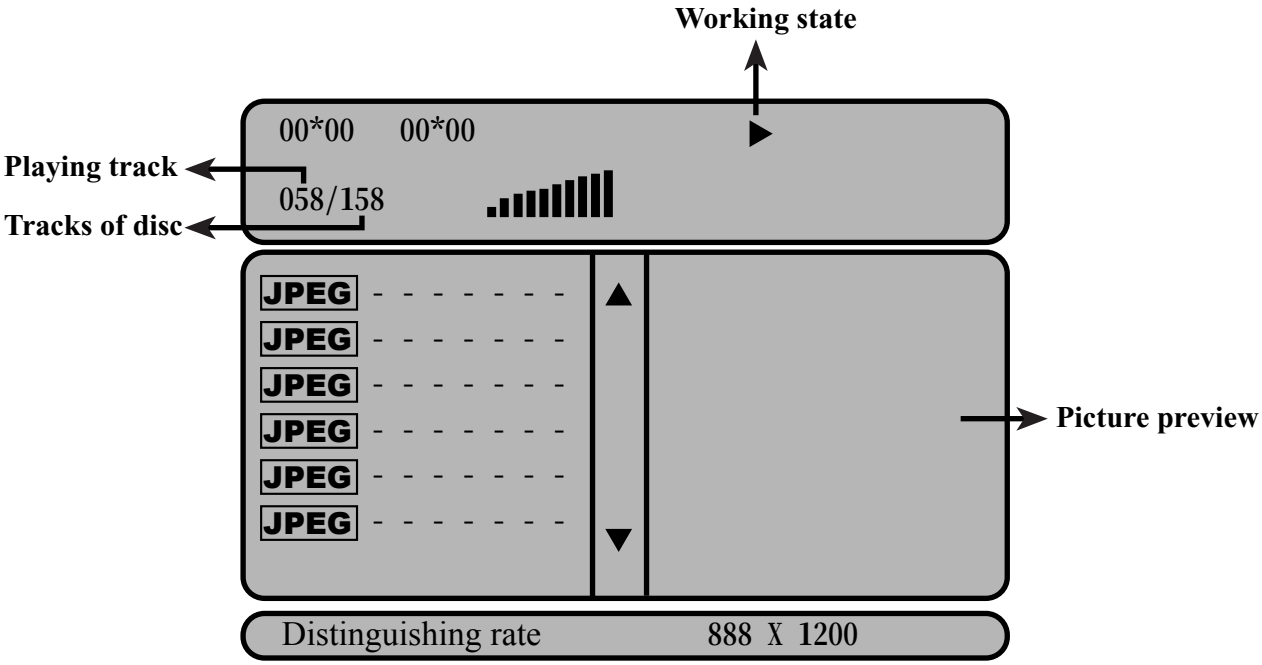
Press REPEAT key to select different playing mode, list order as follow:



7) Press DISPLAY key to shift another display menu (picture 6).

Play JPEG disc:

After the unit reading the content of e-album disc, the TV screen display shows as follows:


Working state
00*00 00*00
Playing track
058/158
Tracks of disc
JPEG - - - - - - -
JPEG - - - - - - -
JPEG - - - - - - -
JPEG - - - - - - -
JPEG - - - - - - -
JPEG - - - - - - -
Picture preview
Distinguishing rate 888 X 1200

Instruction of Function key:

Stop key -> enter mode of picture preview

⏭ key -> skip to the next picture.

⏮ key -> skip to the last picture.

Play/enter key -> enter mode of playing picture

Direction key "◀ " -> rotate picture 90 degree in reverse

Direction key "▶ " -> rotate picture 90 degree in sequence

Zoom key -> change the zoom mode

"▶▶" -> zoom in picture

"◀◀" -> zoom out picture

Direction keys ◀ * ▶ * ▲ * ▼ move the center point of the picture when zooming in the picture

REMOTE KEY FUNCTION EXPLAIN

[STANDBY]
Press this key in working status to turn the unit into standby status, or to wakeup the unit from standby status.

[OPEN/CLOSE]
Press OPEN/CLOSE to open the tray, and then place the disc on it ,press this button again to close the tray. When finishing loading the disc , the TV screen will display the disc type and the disc will be automatically played .(MP3 and JPEG disc can not be automatically played)

[RETURN]
Press RETURN to return to the menu when playing the DVD disc. Press RETURN to return to the menu and re-enter the menu-playing mode at the same time when playing S-VCD,VCD2.0 disc

[PLAY/PAUSE]
When “PAUSE”, “STOP” ,“F.REV/F.FWD” play, press this key to resume the normal playing state;when it is in the normal playing state, press this key to pause playing.(when the unit is playing , the play indicator light on the panel is on)

[STOP]
Press STOP one time, memorizing the stopped position. When the unit continues playing. It will play from the stopped position. Press STOP the second time, the unit stops play and gives up the memorized position.

[MENU]
In play DVD mode, press MENU key the first time back to submenu and press again back to the main menu.
Displaying super VCD,VCD2.0 can playing menu. The disc can enter PBC menu automatically when starting playback.
And then press number key selecting your desired song, if you want to cancel disc playback, please press MENU key. TV screen display will show "PBC off", then press number keys to select desired song.

[TITLE]
Press this button to return to the first title playback.

[SLOW]
when playing VCD, SVCD, DVD, CD disc, press “SLOW”continuously to play forward with different speed.

REMOTE KEY FUNCTION EXPLAIN

[PREV/NEXT]

When play SVCD, VCD, CD, MP3, Press skipbackward to play last chapter.

To play DVD, press skipbackward to last chapter or title.press skipforward to next chapter or title.

[F.REV/F.FWD]

When play DVD, SVCD, VCD, CD, MP3, press this key to play forward or backward speedily. The class as bellows:

[AUDIO]

If the S-VCD,VCD,CD disc has multi channel, you can press this button to select the sound from left vocal channel out or right vocal channel out or stereo out or downmix out .

Press this button to select your desired language when playing DVD,S-VCD which has multi-language.

[CLEAR]

Clear memory playing : Select the memeory position you want to play by direction press, then press selection direction to play.

Note: If power off or disc out, all the memorized position will giving up automatically.

[REPEAT]

Press this key to repeat some title, some chapter ,some track or the full disc. press repeat key when playing back DVD, the TV screen will show as follows: chapter Repeat--Title Repeat--- Repeat ALL off. When playing back cd, VCD1.1 and VCD, VCD 2.0 disc in state of PBC off, the TV screen will show as follows: Track Repeat--Repeat ALL--Repeat off.

[ZOOM]

Pressing this button, you can appreciate the zoom picture. Just only in the state of zoom-in, you can move the picture by direction key.

[VOL]

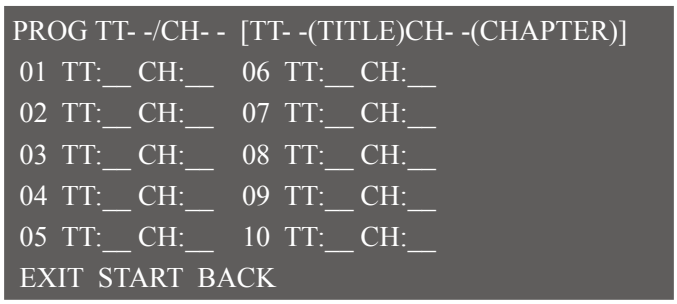
Volume: Press this key to adjust the output volume.

Press “+” and the screen shows 0~20, press “–”and the screen shows 20~0.

REMOTE KEY FUNCTION EXPLAIN

[PROG/EPG]

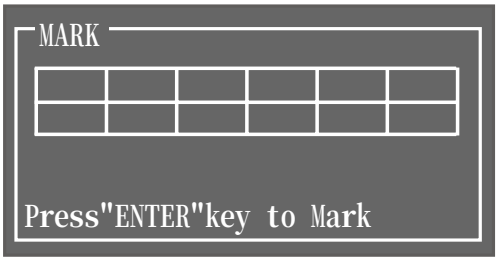
If the disc has over two chapter or title, you can press this button to setup the playing order which you want.



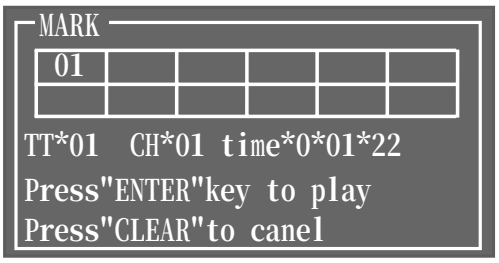
Press PROG/EPG key to indicate in TV screen when play super VCD,CD disc.

[MARK]

When playing DVD*SVCD* VCD*CD, press this key can set many memory position . You can select any memory position to play. Press this key, the screen will be disply (picture 1) :



(picture 1)

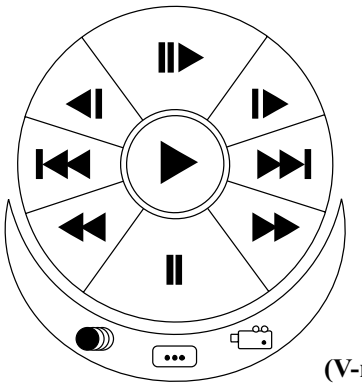


(picture 2)

One playing , press "ENTER" key for the first time, the first blank will display "01" , it means to play the first memory position. Then press direction key to select the second blank, press "ENTER" key to play the second memory position. The same, you can select 12 times memory position playing.(picture 2).

REMOTE KEY FUNCTION EXPLAIN

[V-REMOTE]



(V-remote menu)

On playing the VCD, SVCD and DVD, press the 1 [V-REMOTE] key to show v-remote menu at the left side of the screen from the bottom. Press the direction key to switch the cursor to the desired mark, and then press the select key to confirm. The introduction of detailed functions is as follows:

▶: Play. When the unit is stepping, slow, skipping, pause and stop, press this mark to resume the normal play.

⏭: Step. Every press next is to move the picture one frame.

◀❙/❙▶: Slow. Press it to slow the speed of the normal play.

⏮/⏭: Skip. Press skip-forward or skip-backward to different chapter or title.

◀◀/▶▶: Fast.

⏸ : Pause.

: AUDIO. Refer to the AUDIO key for detailed information.

: Subtitle.

Subtitle1/3 Subtitle2/3 Subtitle3/3 Subtitle cancel

* If the DVD disc has multi-angle, you can switch observation angle. Press the angle mark to change as follows when playing multi-angle.

Angle1/3 Angle2/3 Angle3/3

[DIGEST]

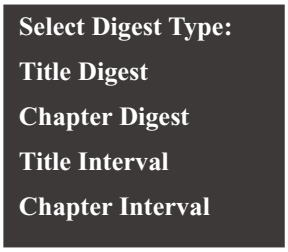
On playing DVD disc, press this key and the screen will appear browse menu (picture1)

Press the direction key to switch the cursor to the desired digest type, and then press the select key. The select digest types are as follows:

- "Title digest": choose this item to show every title of the DVD disc on the TV screen in order, and press number key to choose the desired title directly.
- "Chapter digest": choose this item to show every chapter of the title on the TV screen in order, and press number key to choose the desired chapter directly.
- "Title interval": choose this item to scan the contents of the DVD disc with each title at intervals of ten minutes and show them on the TV screen in order, and press number key to choose the desired title directly.
- "Chapter interval": choose this item to scan the contents of the title with each chapter at intervals of ten minutes and show them on the TV screen in order, and press number key to choose the desired chapter directly. On playing SVCD, VCD discs, press this key and the screen will appear browse menu(picture2)

Press direction key to switch the cursor to the desired digest type, and then press the select key. The select digest types are as follows:

- "Track digest": choose this item to show every track of the disc on the TV screen in order, and press number key to choose the desired title directly.
- "Disc interval": choose this item to scan the contents of the disc with each paragraph at intervals of ten minutes and show them on the TV screen in order, and press number key to choose the desired paragraph directly.
- "Track interval": choose this item to scan the contents of the track with each paragraph at intervals of ten minutes and show on the TV screen in order, and press number key to choose the desired paragraph directly. On playing CD disc, press this key and the unit will scan the CD tracks automatically.

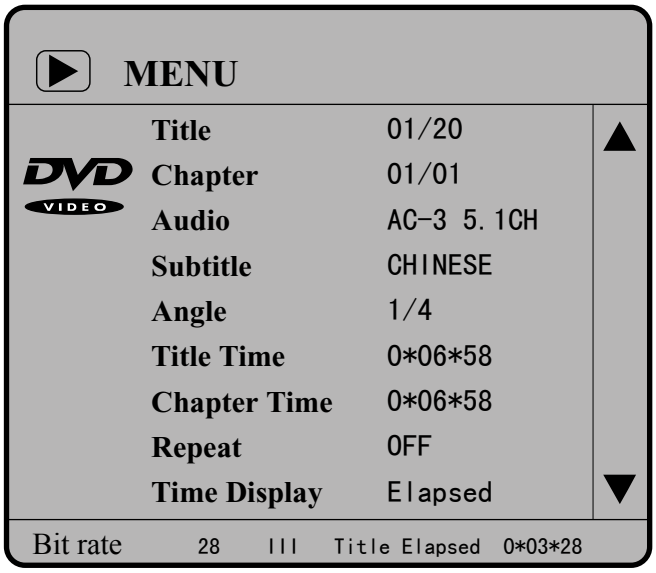


(picture 1)

(picture 2)

REMOTE KEY FUNCTION EXPLAIN

[SEARCH]



(picture 1)

(picture 2)

On playing DVD disc, press the [search] key, the unit will show search menu on TV screen (picture1)

Press direction key to choose the desired item, and press the select key to get into searching state. The detailed introduction is as follows:

- "Title": in title searching state, press the number key to choose the desired title directly.
- "Chapter": in chapter searching state, press the number key to choose the desired chapter directly.
- "Audio": in sound selecting state, press the number key to choose the desired sound and press the select key to confirm it.
- "Subtitle": in subtitle selecting state, press the number key to choose the desired subtitle and press the select key to confirm it.
- "Angle": in angle searching state, press the number key to choose the desired angle directly.
- "Title Time": in title time searching state, press the number key to choose the desired time directly.
- "Chapter Time": in chapter time searching state, press the number key to choose the desired time directly.
- "Repeat": in repeat selecting state, press the number key to choose the desired repeat state and press the select key to confirm it.
- "Time Display": in time display selecting state, press the number key to choose the desired display state and press the select key to confirm it.

On playing SVCD, VCD discs, press the SEARCH key and the screen will show search menu (picture2)

Press the direction key to choose the desired item, and press the select key to get into searching state. The detailed introduction is as follows:

- "Track": in track searching state, press the number key to choose the desired track directly.
- "Disc Time": in disc time searching state, press the number key to choose the desired time directly.
- "Track Time": in track time searching state, press the number key to choose the desired time directly.
- "Repeat": in repeat selecting state, press the number key to choose the desired repeat state and press the select key to confirm it.
- "Time Display": in time display selecting state, press the number key to choose the desired display state and press the select key to confirm it.

On playing CD disc, press the search key to search and play according to the information on the TV screen.

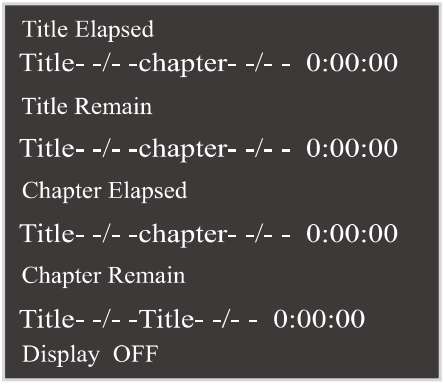
Attention: it is ineffective if the input digits exceed the amount limit.

REMOTE KEY FUNCTION EXPLAIN

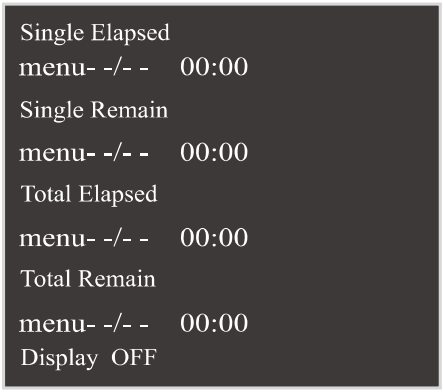
[DISPLAY]

Press DISPLAY to display the information referring to the disc on the TV screen.

- playback DVD disc state



- play super VCD,VCD2.0 in the state of closeing PBC



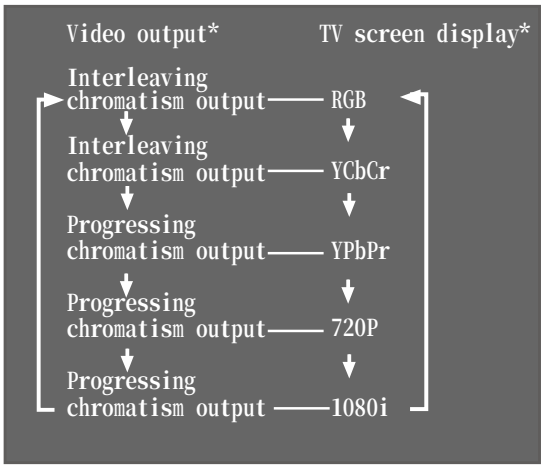
- play super VCD,VCD2.0 in the state of opening PBC

[VIDEO]

In the OPEN/NO DISC state, press VIDEO key to switch among the modes of YUV, YPbPr, SCART, 720p and 1080i etc. Connect different display equipments when select different modes.

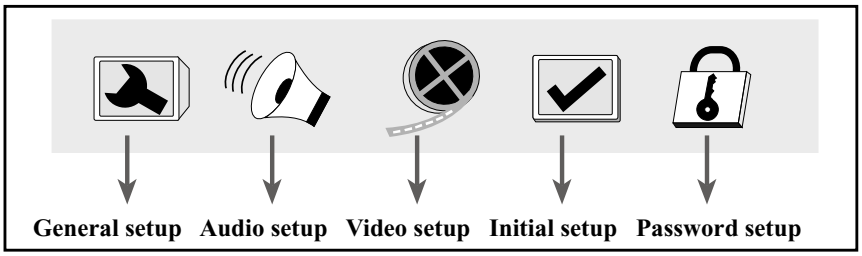
Note: * in YUV,YPbPr mode, CVBS and S-Video has video output;

* in 720p and 1080i mode(if connect with CVBS, TV screen can display High Definition Mode), CVBS and S-Video doesn't have video output.



SYSTEM SETUP

When the unit is working, press the select key to enter setup menu (following picture):



Press the direction key "▶" to move cursor to the desired setup page, and press the select key to confirm.
Press the direction key "▼" "▲" to move cursor to the desired setup item, and press the select key to confirm.
Press the direction key "◀" to return to last setup item.

Note:

1. Move cursor to the relevant item, the menu showed at the bottom of the screen accordingly.
2. Some menu setup is related with other set up and status, if it is gray, cannot setup.
3. The setup can be memorized continue though power off.
4. When the unit stops playing and opens the tray, it can enter the initial setup page.

General Setup Page		
TV Display	PS	Normal/PS Normal/LB Wide
Angle Mark	ON	ON OFF
OSD Lang	Eng	English .....
Captions	OFF	ON OFF
Screen Saver	ON	ON OFF
Last Memory	OFF	ON OFF

General Setup introduction:

● TV Display

A. Normal/PS: When the unit connects with TV set, wide image is showed on the whole screen, but a part is cut.

B. Normal/LB: When the unit connects with TV set, playing wide image, there are black bands showed on the up and down screen.

C. Wide: Choose this when the unit connects with wide screen TV set.

● Angle Mark:

Select display angle, when playing multi-angle DVD disc.

● OSD Language:

Select operation language.

● Captions:

This function is ineffective if no caption record in the disc. If the caption is closed, press the caption key on the remote control to open captions function to select captions language.

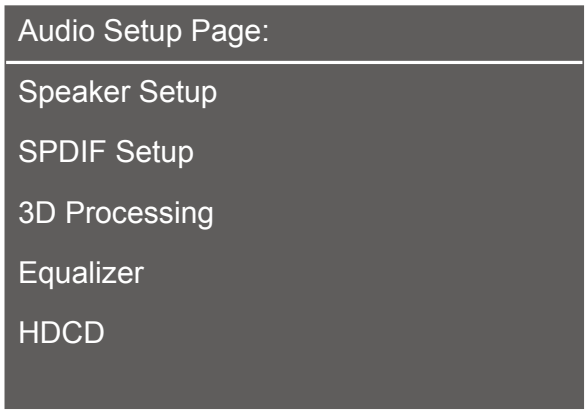
● Screen Saver:

When the unit is in stop mode,a moving picture will appear several minutes later if screen saver is set on.Screen saver will protect the TV screen.

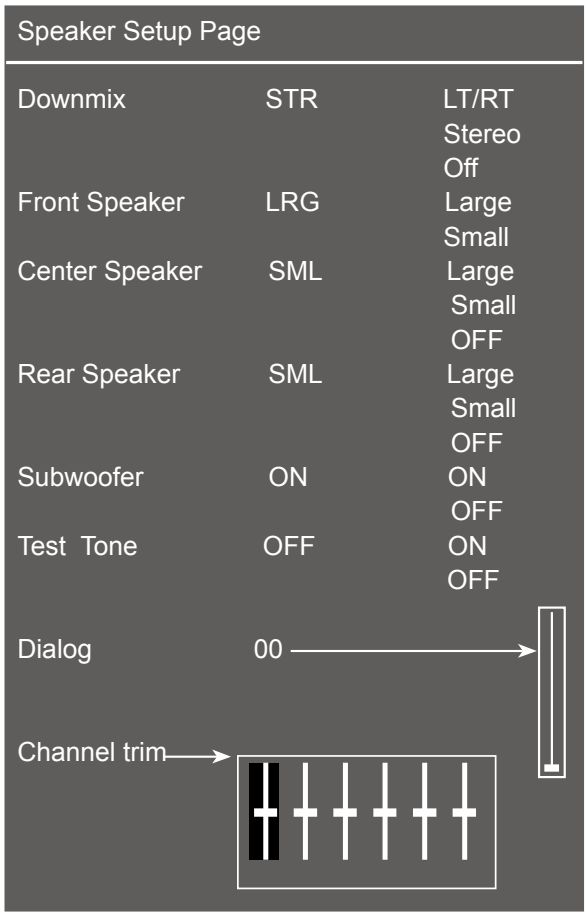
● Last Memory:

Remember the current playtime, if this function setup is on. It can play from the memorized playtime when playing the current disc again. If powering off the unit gives up.

SYSTEM SETUP



There are five subsidiary setup pages,each function is as follows*

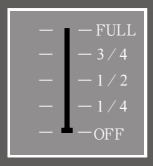


● Down Mix:
In LT/RT or stereo output mode, the center speaker and rear speaker on this page cannot setup, only can if in 5.1 channel output mode.

● Test Tone :
In 5.1channel output mode, this item can setup in state of opening disc tray or stopping play.

● Dialog volume:
In LT/RT or stereo output mode, set up this item to adjust voice, within the range from 0 to 20.

●Channel trim setup:
Enter channel volume setup, press direction key * ▶** ◀* to select center channel, left channel, right channel, left surround, right surround, subwoofer channel. After selecting the channel, press direction key * ▲** ▼* to adjust volume of the channel, then press the enter key when adjusting to desired volume.

SPDIF Setup Page:		
SPDIF output	RAW	SPDIF OFF SPDIF/RAW SPDIF/PCM
Dynamic		
LPCM out	48k	48k 96k

● SPDIF output:
(SPDIF/RAW): when the unit and the amplifier are connected by coaxial and optical cables, please select this item; when it playbacks disc of Dolby digital, DTS and MPEG, the coaxial or optical output will output the corresponding digital signal, in this case, the connected amplifier should have the function of decoding Dolby digital, DTS and MPEG.
(SPDIF/PCM): when the unit is connected with 2 channel digital stereo amplifier, please select this item; when it playbacks disc of Dolby digital, MPEG, the coaxial or optical output will output in 2 channel mode modulated by PCM.

● Dynamic:
If watching large dynamic scope movie program at night, select this mode to reduce the volume, meantime keep the little minutia EQ high level, thus it can avoid troubling neighbors without detracting volume quality.

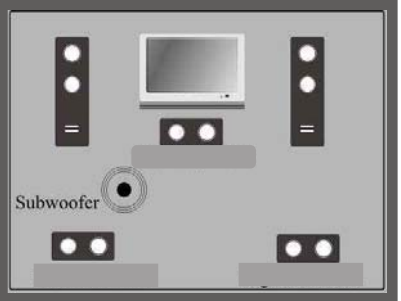
● LPCM out:
Setup different mode among 48KHz and 96KHz according to different audio signal source.
Note: some amplifiers cannot support 96KHz signal, and may lead to abnormal sound from the speaker.

Sound Effect Page		
EQ Type	None	None Rock Pop Live Dance Techno Classic Soft
Bass Boost	OFF	ON OFF
Super Bass	OFF	ON OFF
Treble Boost	OFF	ON OFF

● EQ Type:
Seven modes are available. Select “live” to get live music effect. When EQ type is off, the sound of the disc will output directly. You can setup the other items to reach your requirement.

● Bass Boost, Super Bass, Treble Boost Setup bass boost, super bass and treble boost to assort with EQ type to reach a perfect status.

3D Processing Page:		
PRO LOGIC II	OFF	ON OFF AUTO
Mode	Mus	Music Movie
Reverb Mode	OFF	OFF Concert Living room Hall Bathroom Cave Arena Church
Channel Delay		



● PRO LOGIC II:

This setup is available only for two channel. When it is setup and the down mix in speaker setup is 5 channel, 5 channel will output. When it is auto, the system selects mode according to the disc automatically.

Note: only when setup 5.1channel in down mix mode, item Prologic II is available. Only when Prologic II setup On or Auto, item Mode is available. When playing 2channel music disc, please setup Music; when playing movie, please setup Movie.

● Reverb Mode:

This item setups reverb mode in 3D processing, and there are 7 types available. e.g. when in living room mode, the system speaks reverberative effect in living room.

● Channel Delay :

If you are not satisfied with the above reverb modes, you can choose manual setup to get your desired sound effect. Enter Channel Delay, You can setup the distance between center speaker, surround speaker and subwoofer. Press the direction key ∗ ▲∗∗ ▼∗ to select channel. Press the direction key∗ ▶∗ to increase distance and ∗ ◀∗ to decrease distance.Then press enter key to confirm it.

HDCD Setup Page		
Filter	1X	OFF
		1X
		2X

● Filter:

This setup can change output sample rate when playing HDCD disc. Setup for 44.1K, the system can output all signals of the disc sample rate from 0 to 44.1K the signal over 44.1K being cut. Setup for 88.2K, the system can output all signals of the disc sample rate from 0 to 88.2K, the signal over88.2K being cut. Setup for off, the system will output all signals without any limit.

44.1KHz = 1X ; 88.2KHz = 2X

Video Setup Page			
Brightness	00	Brightness	|||||||·····0
Hue	00	Hue	|||||||·····0
Contrast	00	Contrast	|||||||·····0
Saturation	00	Saturation	|||||||·····0
Sharpness	MID	High	
		Medium	
		Low	
Luma Delay	1T	0T	
		1T	
Gamma	None	High	
		Medium	
		Low	
		None	

● Brightness:

Setup this item to control the brightness of image, available range from –20 to +20.

● Hue:

Setup this item to control the hue of image, available range from –9 to +9.

● Contrast:

Setup this item to control the contrast of image, available range from –16 to +16.

● Saturation:

Setup this item to control the saturation of image, available range from –9 to +9.

● Sharpness:

Setup this item to control the sharpness of image, available range as high – medium – low.

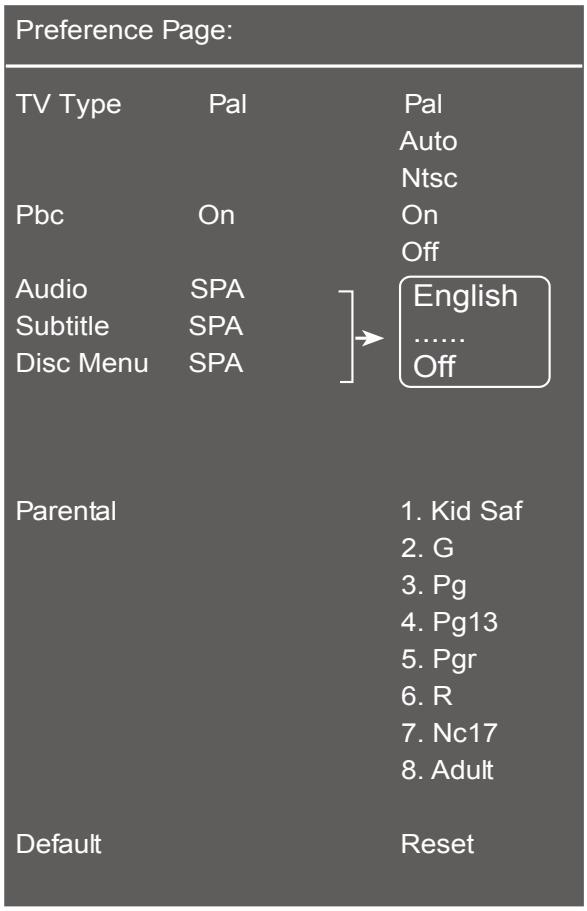
● Luma Delay:

Setup this item to control the luma delay of image, available range from 0T to 1T.

● Gamma:

Setup this item to adjust the image,available range as high –medium – ow – none.

SYSTEM SETUP



● TV TYPE:

The unit can correspond with erery type of TV all over the world, Select your TV type on this item:

Auto: Select TV type according to the color system of the playing disc automatically.

NTSC: Taiwan, Japan and USA use this type.

PAL: HongKong, China and Europe use this type,

When TV type is inconsistent with this setup, the screen will be in black strip state.

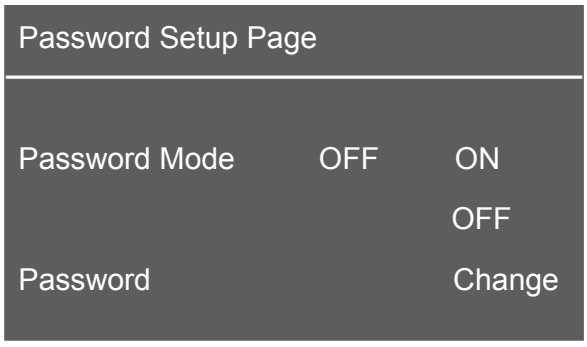
● Audio: Subtitle and disc menu language setup: when the disc has correspondent subtitle, audio and menu language supporting, menu is valid, if the playing disc defaults preferred language, this setup will be invalid.

● Parental control:

Adjust parental control to control the playing rated disc.

● Default:

Return the player defaults to the original factory settings.

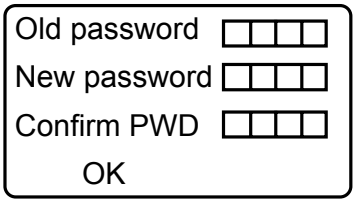


● Password Mode:

When the mode is "OFF", setup the age control directly; when the mode is "ON", setup the age control only with password, using password to operate every time.

● Password Change:

Setting up this item, the TV screen will show as following picture:



The initial password of the unit is 8806. After changing the password, press the select key to finish.

TROUBLE SHOOTING

SYMPTOM AND SOLUTION:

Symptom	Reason(s)	Solution(s)
No power	Do not connect power cord to the wall outlet	Connect them well
No picture	Do not set up TV in correct setting	Set up TV in correct mode
	Do not connect video cable securely	Connect them well
No sound	Do not connect audio cable securely	Connect them well
	Do not power the audio connection system on	Power it on
	The audio output setting is not correct.	Set it in correct mode
Distorted picture	Disc is dirty.	Clean the disc or try another one.
	In fastforward or fastbackward mode	Sometimes, the tiny distortion appears, itis normal condition.
Luminance unsteady or picture with noise	Circuitry influence	Connect DVD video player to TV directly
Unable to play	Do not load disc in	Place disc in
	The disc loaded in can not play	Place readable disc in(check the disc type)
	The disc is loaded upside down	Replace the disc with the label side up
	Do not load disc in guide slot	Load the disc correctly
	Disc dirty	Clean the disc
	TV screen has menu	Press Setup turning off the menu.
	Parental lock function	Unlock it or change the rating
Key no function	Power wave or other abnormal phenomeno (such as static) disturbs the normal condition.	Switch on/off power or unplug/replug the power cord.
Remote control does not work	Do not point remote control at the remote sensor directly.	Point remote control at the remote sensor directly.
	Remote control is too far from DVD unit.	Operate remote control within 7 meters
	Batteries are exhausted.	Replace the batteries and insert in correct polarities.

SPECIFICATIONS

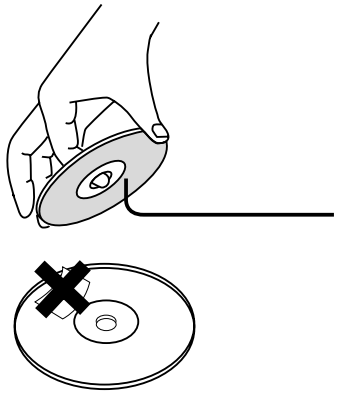
DVD PLAYER/OUTPUT:

Video Guide Line	Video OutputVp-p(V) Level Definition(TV-line)	1.0 ± 0.2 (75Ω) ⩾450
Audio Guide Line	Audio Output (Vrms) S/N Ratio(db) Audio Dynamic Range	1.8 ± 0.2 (10KΩ) ⩾80dB ⩾80dB
Audio Frequency Response	DVD Audio CD Audio	Fs 48KHz PCM 4Hz-22KHz Fs 96KHz PCM 4Hz-44KHz Fs 44.1KHz PCM 4Hz-20KHz
Power Supply	AC Input(V) Frequency(Hz)	~110 - 240V 50Hz / 60Hz
Power Consumption		⩽15W
Temperature Condition		0°C~40°C
Operating Condition		Level manipulation
Dimension		430x 241.5 x 48 mm (L / W / H)
Weight		3.0kg

ADDITIONAL INFORMATION

Care of disc:

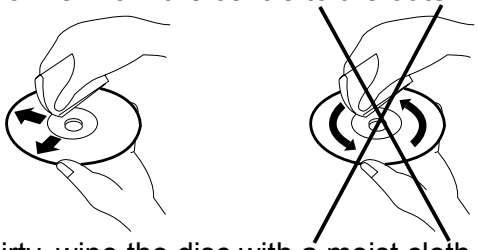
Do not touch the signal surface.



Do not add labels or adhesive tapes on the discs.

Cleaning of discs:

Finger prints or stains on the surface of the disc
will directly affect signal recording and result in a poorer picture quality. Therefore, please use a soft cloth and wipe in a radiating manner from the centre to the outer rims when cleaning the disc.



If the surface of your disc is very dirty, wipe the disc with a moist cloth. Finally use a dry soft cloth to remove all the water stains.
Never use electrostatic prevention products as well as sloutions which contain benzene, thinner or any other vaporizing substances, as they may damage the disc surface.

Storage of disc:

Do not keep the disc in the direct sunlight, near the heat source, in the dusty places or moisture (kitchen, bathroom). Keep the disc vertically in the disc storage case. Heavy objects on the disc case will cause deformation to the disc.

Copyright Attention:

Copy, broadcast, play or rent the disc is forbidden without legal permission.

TV System:

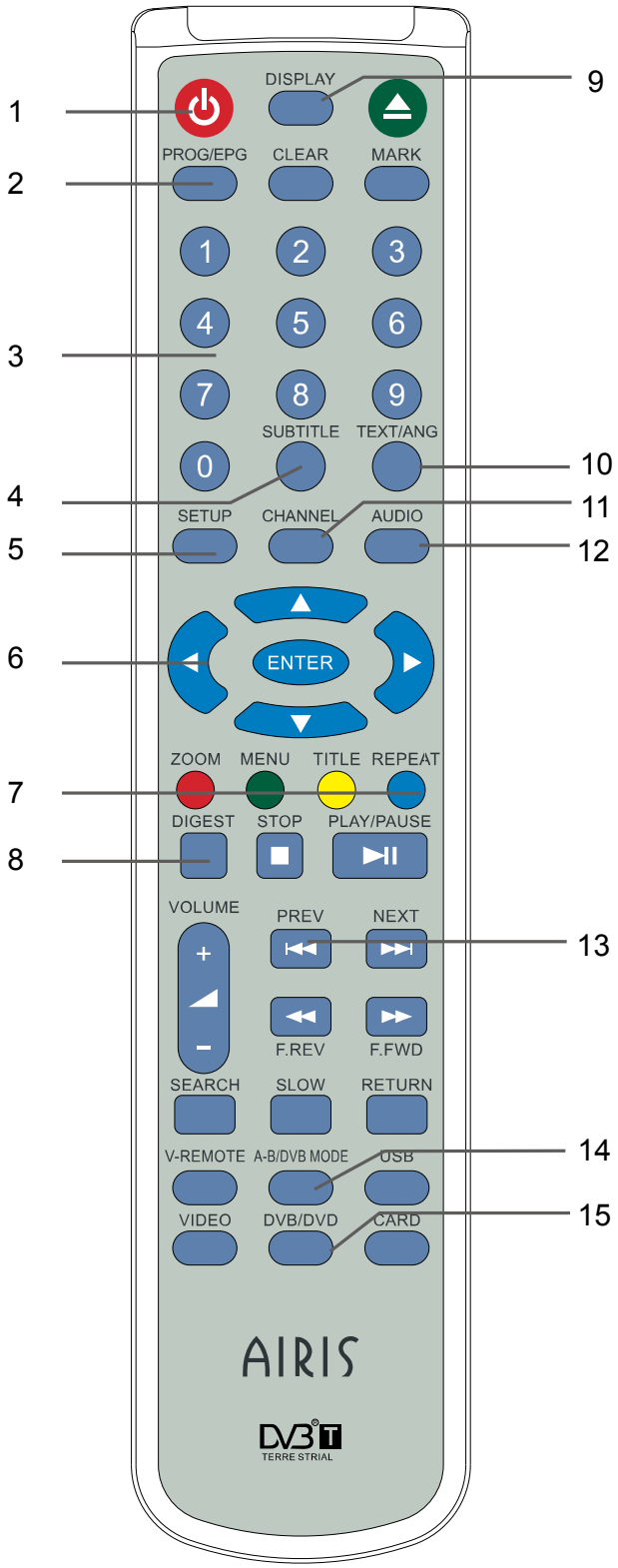
Please connect the unit to the TV compatible with
PAL/NTSC.

About this manual:

This manual explains the basic specifications of this unit. Some DVD disc may have special requirement and the unit may not play such discs. Please refer to the disc instruction.

DVB INTRODUCTION

REMOTE CONTROL:



1. STANDBY: switch between POWER ON/STANDBY mode.
2. PROG/EPG: open upElectronic Program Guide menu.
3. Choose number key.
4. SUBTITLE: ON/OFF subtitle.
5. SETUP: menu setup.
6. DIRECTION KEY: remove cursor direction.
7. COLOR KEYS:for adjust teletext.
8. DIGEST: scan all the DVB channels currently being broadcast.
9. DISPLAY: press for current channel information: such as time indication.
10. TEXT/ANG:open TEXT function.
11. CHANNEL: select audio:Left/Right/Stereo/ Mono.
12. AUDIO:select DVB audio.
13. PREV/NEXT: select DVB channels.
14. A-B/DVB MODE:switch between DVB / Radio and Favorite mode.
15. DVB/DVD:switch between DVB-T/DVD format mode.

BASIC OPERATION

1.After opening the package, please follow the guideline to connect the DVB reciever as atena,TV set and adaptor.

2.Turn on the power, enter the setup menu to search for the TV programs first ,for the detailed operation please refer to setup instruction.

3. When search is finished, select the program you want directly by the number beys or / keys on the remote control.

SYSTEM SETUP

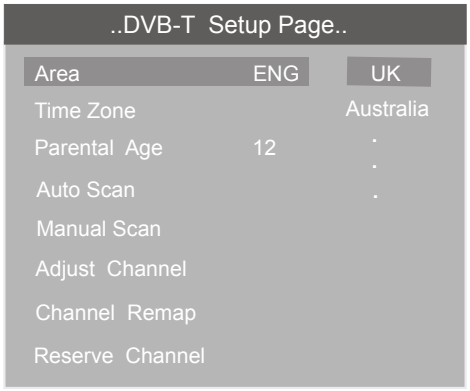
Before turn on the unit,let us have a view at the SETUP MENU.

AREA

Ensure that the area has been set correctly before channel scan.

- Press the SETUP button and select the DVB-T Setup Page option using the arrow keys.
  Press the ENTER button or button when selected. The following menu will display.
- Select Area submenu using the button.
- Press the buttons until the correct area is displayed.
- Press the ENTER button to confirm your selection.

*: To exit the menu, press the SETUP button.

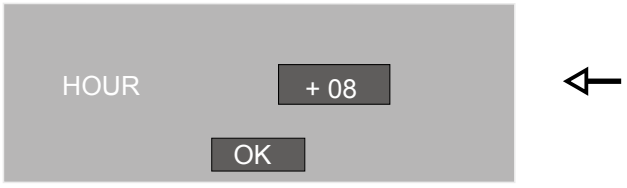


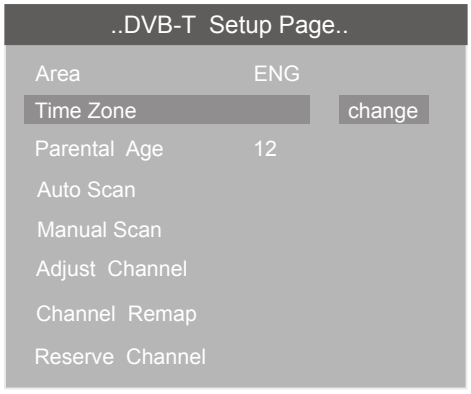
TIME ZONE

Ensure that the time zone has been set correctly before watch program.

- Select the Time Zone option using the arrow buttons.
  Press the ENTER button to select the Change option.
  The following menu will display.
- Press the buttons until the correct Hour is displayed.
- Press the ENTER button to confirm your selection, the hili will jump to Minute option automatically.
- Press the buttons until the correct Minute is displayed.
- Press the ENTER button to confirm your selection,
  the hili will jump to OK option automatically.
- Press the ENTER button to confirm you selection after select OK.

*: To exit the menu, press the SETUP button.

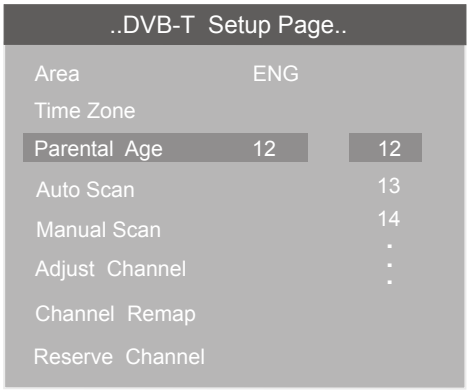




SYSTEM SETUP

PARENTAL AGE

Select the Parental Age option using the arrow buttons.
Press the ENTER button, the following menu will display.



- Press the buttons until the age you want to select is marked yellow.
- Press the ENTER button to confirm your selection, the color change to red.
- To exit the menu, press the SETUP button.

AUTO SCAN

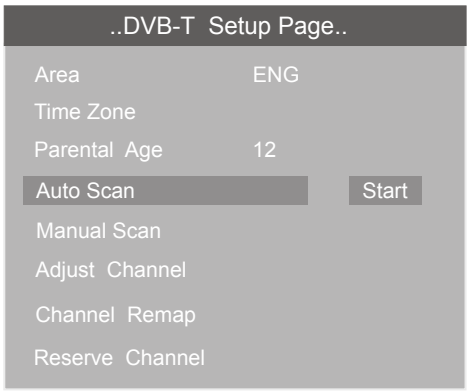
After setting the correct area and time zone, scan channels:

- Select the Auto Scan tab by using the arrow buttons on the remote control.
- Set Start, you will see the Menu display like right Fig.If select Cancel, you can return to Channel setup Page;If select OK, you can access to following Auto Scan Page and start to scan channels.
- The machine will scan for all the digital TV and Radio stations available in your area and list them as above. There is also a progress bar shown as a percentage.
- When all the digital TV and Radio stations have been found, the scan progress will arrived to 100%, the program will end.

*：Please confirm that the country you choose is correct before auto scan! Otherwise you may not search any channels.

When AUTO SCAN finished,the old channels would be covered.

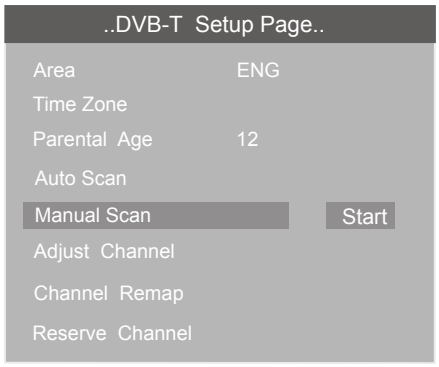
Before you do AUTO SCAN ,you shoud do reset function in SETUP MEAN.



MANUAL SCAN

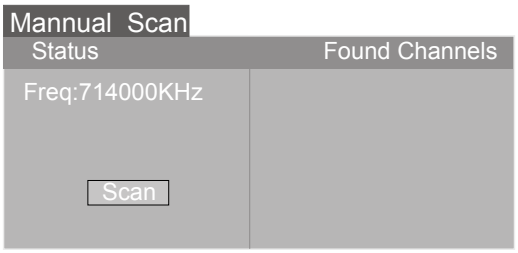
After setting the correct area and time zone, scan channels:

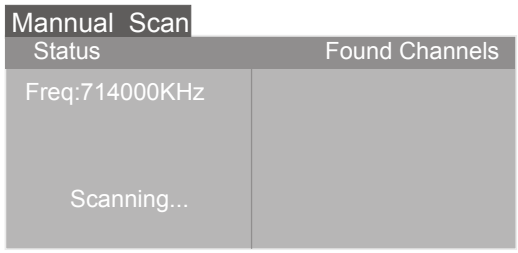
- Select the Manual Scan tab by using the arrow buttons on the remote control.
- Set Start, the right hand menu will display.
- Press keys to select frequency you want, or you can select the fregueacy you want by press digital buttons directly,press ENTER key to confirm Scan.
- The machine will scan for all the digital TV and Radio stations available in your area and list them below Found Channels.
- When all the digital TV and Radio stations have been found, select Add can add channels.Press SETUP key to exit manual scan page and start to play program.

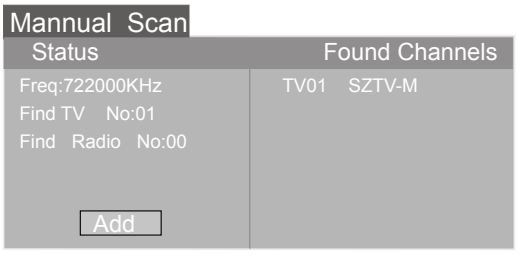


*:Please confirm that the area you choose is correct before auto scan! Otherwise you may not search any channels.

When manual scan is finished,the scanned channels will be list at the end of the exit channels,the old channels can not be covered.







ADJUST CHANNEL

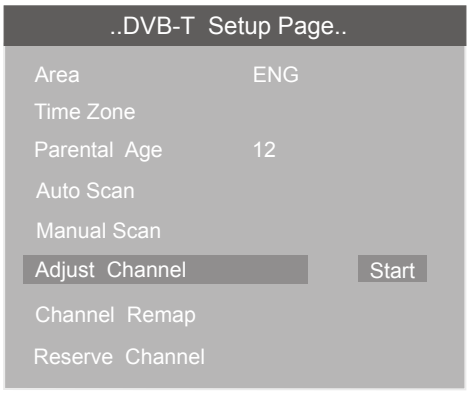
When channel scan is finished,please adjust the channels by "color keys".

Select the DVB-T SETUP PAGE option using the arrow buttons.Press the ENTER button, the following menu will display.

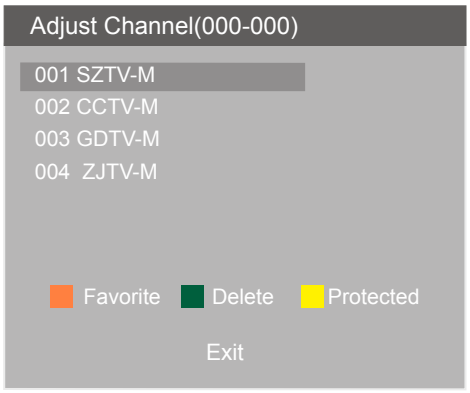
- Press the buttons to select Adjust Channel option.
- Press the ENTER button to select Start, the following menu will display. (picture 1)
- Use to remove cursor,select the channel you want to adjust.
- Press RED key to set favorite channel, a red icon display beside channel name.
  Press RED key again can cancel favorite set.
- Press GREEN key to set delete channel, a cyan icon display beside channel name.
  Press GREEN key again can cancel favorite set.
- Press YELLOW key to set protected channel, the right hand side menu will display. (picture 2)
- Enter the pin code then select OK to confirm.a yellow icon will display beside channel name.
  Select Cancel to return.
- Select Exit then press the ENTER button
  you can exit the menu.

*:Default code:8806

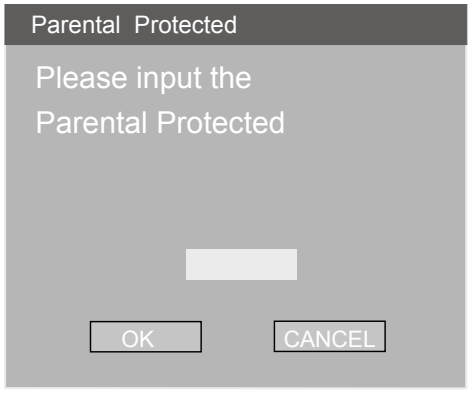
If play the program which is protective,you should open the code first.



(picture 1-1)



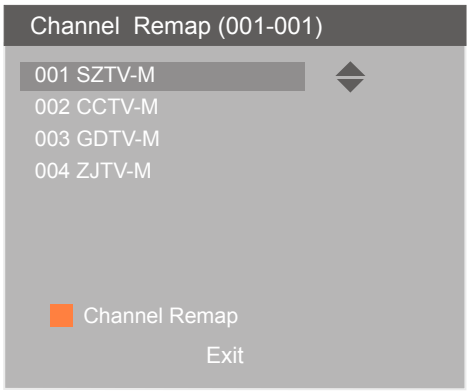
(picture 1-2)



(picture 2)

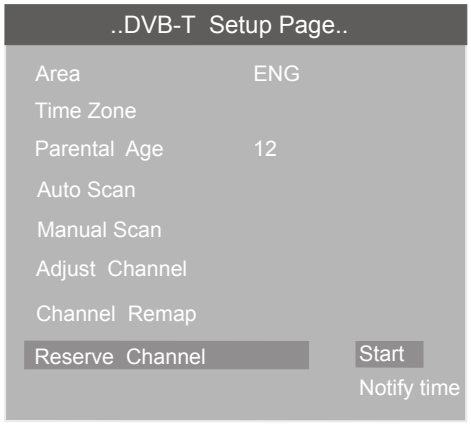
CHANNEL REMAP

- The Channel Remap option allows you to select how your channels will be Ordered in the channel list.
- Press the buttons to select Channel Remap option.Press the ENTER button to select Start, you will see the channel remap submenu.
- Use key remove cursor to select the channel you want to remap.
  Then press theENTER button to confirm, the channel name would be marked red.
  Use buttons to remove cursor to your target place, press the ENTER button to confirm.You will see the channel list after remap from following picture.
- Left picture is before remap, the right one is after remap.
- You can switch to next page by press key, or select Next option then press the ENTER key.
- You can switch to previse page by press key, or select Prev option then press the ENTER button.
- Select Exit then press the ENTER button you can exit the menu.

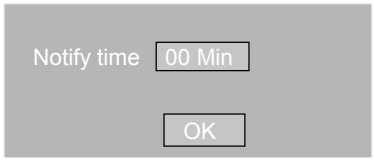


RESERVE CHANNEL

- Select the Channel Setup option using the arrow buttons, the following menu will display.
- Press the ENTER buttons to select Start option, the following menu will display.
- Use keys to remove cursor. Press ENTER key you will see the following menu, this menu including the program brief Introduction.
- In this menu, choose Delete, you can cancel the program reserve.The channel name would be disappeared from reserve program list.
  Choose OK can return to reserve program page.
- Exit then press ENTER button to return to channel setup page.
- In channel setup page select Notify time option, press ENTER key the right hand side menu display.
- Press keys until the correct time is displayed, to confirm the selection by use ENTER button.



Reserve Program Info
001 GHOST 12/01 14:30-15.30
001 Forrest Gump 12/01 16.57-17.57
001 The city of angles 12/01 17.00-18.00
001 Sleepless of seattle 12/01 19.00-21.50
EXIT



REMOTE KEY FUNCTION EXPLAIN

POWER BUTTON

Ensure all connections are correct.

To switch on the set top box, press the button on the remote control, or the set top box.

To switch the set top box off, press the button again.

Then you will see the DVD logo or DVB logo on the TV screen.You can press DVD/DVB button to switch between DVD and DVB.

AUDIO

You can change to a different audio language by Pressing the AUDIO button.

Please note that this feature is not available on all channels.

*:This function depends on the program broadcast.

SUBTITLE

You can on/off subtitle or change to a different subtitle by Pressing the SUBTITLE button.

Please note that this feature is not available on all channels.

*:This function depends on the program broadcast.

TELETEXT

You can pressing the TEXT/ANG button to turn on/off teletext stream display.

Please note that this feature is not available on all channels.

Press or keys to change pages.

Press RED key to select red color info.

Press GREEN key to select green color info.

Press YELLOW key to select yellow color info.

Press BLUE key to select blue color info.

*:This function depends on the program broadcast.

REMOTE KEY FUNCTION EXPLAIN

DIGEST

The Digest menu is used to look at what is currently being broadcast on a TV or Radio channel.

To access the Digest Menu, Pressing DIGEST key on the remote control.

The following menu will display.

To view a different channel, press either the button or button. Each channel selected will be playing in the preview box.

You can switch to next page by press key, or select Next option then press the ENTER button.

You can switch to previse page by press key, or select Prev option then press the ENTER button.

To view/listen to a channel press the ENTER button.

To exit digest menu, press the DIGEST button.

PROG/EPG

The EPG menu is used to look at what is being broadcast on a TV or Radio Channel later in the day.

To access the EPG Menu, Pressing PROGRAM key on the remote control. The right hand side menu will display.

Select Channel by press key,then press ENTER button you will see channel list.

To view a different channel, press keys. Press ENTER button to confirm which you want to select. Press key to return to the EPG menu.

To see what is going to be broadcast after this program, press keys to select Program option, you will see the right hand menu after you press ENTER button.

Please note that this feature is not available on all channels.

Press keys to select any program, then press ENTER button, the following Program Reserve page will display.

Select ENTER to reserve program which you want, Select Cancel to exit.

After you reserve programs, the reserve program list will be found in DVB-T setup/Channel setup/Reserve channel.

To exit EPG menu, press the PROG/EPG button.

REMOTE KEY FUNCTION EXPLAIN

ZOOM

Press ZOOM Key when playing program, could zoom in or zoom out pictures.
Zoom: 2X-3X-4X-1/2-1/3-1/4.

A-B/DVB MODE

Use A-B/DVB MODE Key to switch channel mode between TV, Radio and favorite mode.

CHANGING THE VOLUME

Press the + button will make the volume of the set top box louder.
Press the - button will make the volume of the set top box quieter.

CHANGING TO A DIFFERENT CHANNEL

You can change to a different channel by using or keys on the remote control.
You can change to a different channel by using all number keys on the remote control.
To return to the previously viewed channel, press the RETURN button.

TROUBLESHOOTING

In some r egion, the digital terrestrial signal may be weak. So you'd better use the antenna in which the booster was built,for watching theweak sinal channels.

Problem	Possible cause	What to do
Standby light not lit	Mains lead unplugged Mains fuse blown	Check mains lead Check fuse
No signal found	Aerial is disconnected Aerial is damaged/misaligned Out of digital signal area	Check aerial lead Check aerial Check with dealer
No picture or sound	Tuned to digital teletext channel	Reduce to another channel
Scrambled channel message	Channel is scrambled	Select alternative channel
No response to remote control	Receiver off Handset not aimed correctly Front panel obstructed Hand set batteries exhausted	Plug in and turn on plug Aimhandset at front panel Check for obstructions Replace handset batteries
Forgotten channel lock code		Re-install channels to cancel channel lock
Forgotten menu lock code		Contact help line
The remote control will not operate your STB	(1) The batteries in your remote control need replacing (2) There is an obstruction blocking the signal path between the remote control and the box.	(1) Replace the batteries (2) Check that there is nothing in the way of the path between the remote control and the receiver
After moving the STB to another room you find you are no longer able to receive digital reception	The aerial feed former new point may come through a distribution systemwhich may reduce the digital signal now received by the box.	Try a direct feed fromthe antenna